



To demonstrate conformance of the  
Transportation Improvement Program for  
Fiscal Years 2004 to 2008 with the  
provisions of the Clean Air Act of 1990  
and the State Implementation Plan and  
consistency with the Miami-Dade MPO  
Year 2025 Long Range Transportation  
Plan Update.

**Draft of  
April 21, 2003**

**Conformity  
Determination Report**



On May 22, 2003 the Miami-Dade Metropolitan Planning Organization (MPO) Governing Board will be presented for their approval the Fiscal Year 2004 through 2008 Transportation Improvement Program (TIP) and its air quality Conformity Determination Report (CDR). This FY 2004-2008 TIP is a subset of the conforming 2025 Long Range Transportation Plan (LRTP) Update.

On December 6, 2001 the MPO approved both the 2025 LRTP and its air quality CDR and the MPO demonstrated that the FY 2003-2007 TIP was a subset of the 2025 Long Range Transportation Plan Update consistent with Section 176(c) of the Clean Air Act, the State Implementation Plan (SIP), the transportation conformity regulation, and the SIP Conformity Criteria and Procedures Revision, as approved by the United States Environmental Protection Agency (USEPA)

( 51.394)

**Name of MPO: Metropolitan Planning Organization for the Miami  
Urbanized Area**

ITEM NO.	The Conformity Determination Report Includes The Following Information	TIP Conformity Determination Report Page Number
1	A statement that the three-year TIP is a subset of the conforming transportation plan and that the conformity determination made for the plan also applies to the TIP.	Page 2 App. C
2	A copy of the MPO's formal action adopting the new TIP and Conformity Determination Report.	App. G
3	A copy of the MPO's and FHWA/FTA's findings of conformity on the current transportation plan is included.	App. B
4	A copy of the cross reference index from the transportation plan Conformity Determination Report is included.	App. D
5	An index showing where the required information can be located in the TIP is included.	i
6	A copy of the conforming transportation plan's emissions reduction summary table is included.	Page 8
7	Public involvement process documented. The CAC reviewed TIP Conformity Determination.	App. E&H
8	Interagency consultation and TAC review documented.	App. F
9	Comments of other agencies/public addressed by the MPO.	App. H

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# Conformity Determination Report

## Transportation Improvement Program for Fiscal Years 2004 through 2008

### ***Introduction***

As shown on Miami-Dade Metropolitan Planning Organization (MPO) Governing Board agenda for the December 6, 2001 meeting (Appendix I), the MPO Board approved the Air Quality Conformity Determination (CDR) first and subsequently approved the 2025 Long Range Transportation Plan (LRTP) Update. On January 31, 2002 the MPO Board approved a revised air quality CDR for 2025 LRTP --following a transit project modification approved by the MPO Board at its December 6, 2001-- and reaffirming the Miami-Dade LRTP as adopted on December 6, 2001.

The air quality CDR for 2025 Long Range Transportation Plan Update was approved by the MPO Board as conforming to the intent of the State Implementation Plan (SIP), and satisfying the requirements of the Clean Air Act Amendments (CAAA) of 1990. The 2025 transportation plan update was approved as the long range transportation plan for the Miami Urbanized Area.

The MPO demonstrated that the approved Miami-Dade Transportation Plan to the Year 2025 supports the SIP's purpose of eliminating or reducing the severity and number of violations of the National Ambient Air Quality Standards (NAAQS) and achieving expeditious attainment of such standards; and will not

- i. cause or contribute to any new violation of any standard in the area;
- ii. increase the frequency or severity of any existing violation or any standard in any area; or
- iii. delay timely implementation of any standard or and require interim emission reductions or other milestones in any area.

This determination is based on the most recent estimates of emissions, based on the most recent population, employment, travel and congestion estimates available, as determined by the MPO.

The Finding of Conformity for the Miami-Dade Transportation Plan Update to the Year 2025 as approved appears in **Appendix A**.

### **Conformity of the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update**

As illustrated in **Table 1**, emissions of volatile organic compounds (VOCs) and oxides of nitrogen (NO<sub>x</sub>) for 1990, based on the 1990 Emissions Inventory, are 156.60 and 117.70, respectively. This Emissions Inventory was submitted to USEPA on November 8, 1993 and is included in the approved *Maintenance Plan* for Miami-Dade County.

**Table 1: 1990 Vehicle Emissions Inventory**

VOC	156.60
Nox	117.70

Using the methodology for conformity determination during the *maintenance period*, described in Florida Department of Transportation (FDOT), Topic No. 525-010-014-g, *District Review of Conformity Determinations by Metropolitan Planning Organizations in Non-attainment and Maintenance Areas*, issued on July 9, 1998, it has been successfully demonstrated that Miami-Dade Transportation Plan Update to the Year 2025 is consistent with Section 176 (c) of the Clean Air Act, the State Implementation Plan, the Transportation Efficiency Act for the 21<sup>st</sup> Century (TEA 21), the transportation conformity regulation, and the SIP Conformity criteria and procedures revision, as approved by the United States Environmental Protection Agency (USEPA) (§51.394). In a letter from the United States Environmental Protection Agency (USEPA) to the Florida Division of the Federal Highway Administration, USEPA recommends a finding of conformity for the Miami-Dade Transportation Plan Update to the Year 2025 adopted on December 6, 2001. A copy of this letter is included in **Appendix B**. Appendix B also includes a letter from the Federal Highway Administration (FHWA) dated March 14, 2002 in which it is stated that “the FHWA/Federal Transit Administration in cooperation with the USEPA issued a conformity determination on the Cost Feasible Element of the Miami-Dade Transportation Plan Update to the Year 2025, consistent with the air quality State Implementation Plan (SIP) pursuant to Section 176 (c) of the 1990 Clean Air Act Amendments and 40 CFR Parts 51 and 93.”

A transit project modification (advancement of the Miami Beach light rail project from Priority 3 funded to Priority 2 funded) approved by the MPO Board at the adoption hearing on December 6, 2001 trigger a revision of the air quality CDR which was approved by the MPO Governing Board at its January 31, 2002 meeting. At said meeting the MPO Board also reaffirmed the Miami-Dade LRTP as adopted on December 6, 2001.

Appendix B includes copies of joint letters from the Federal Highway Administration and the Federal Transit Administration approving the transportation conformity determination of the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update and the Fiscal Year 2002-2006 TIP, its subset. The joint letter constitutes the finding of conformity for the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update.

## **Consistency with the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update**

The Transportation Improvement Program (TIP) for Fiscal Years 2004 through 2008 is a subset of the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update. Regional emission analysis has been performed to demonstrate that projects modifying their opening to traffic status due to new construction schedules in the TIP will not negatively impact air quality in Miami-Dade County. The TIP conforms to the

provisions of the CAA Amendments of 1990 and supports the SIP's purpose of eliminating or reducing the severity and number of violations of the NAAQS. Included in **Appendix C**.

## **Conformity of the TIP**

All of the transportation projects in the Transportation Improvement Program for Fiscal Years 2004 through 2008 (TIP) that add capacity to the local road network are included in the networks that comprise the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update. This means that the TIP is a subset of the adopted conforming long range transportation plan.

New construction schedules contained in FY 2004-2008 TIP indicate that projects in **Table 2** are expected to be delayed for opening past December 31, 2005 but before December 31, 2010 (not by December 31, 2005 as previously stated in the original Year 2025 LRTP air quality CDR).

The projects contained in Table 2 are not project priority modifications of the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update. They do not require any plan amendment because all of the projects discussed remain as Priority I projects.

**Table 2: Fiscal Years 2004 to 2008 Transportation Improvement Program (TIP): Funded Priority I Projects anticipated to be open to traffic after December 31, 2005 – and prior to December 31, 2010 (but not before December 31, 2005 as stated in 2025 LRTP air quality CDR).**

FIN#	FACILITY	LOCATION	DESCRIPTION	PHASE	COMMENT
2501051	SR 25 /Okeechobbee Rd	E of W. 12th Ave W 19th St	Add Lanes & Reconstruct 4 to 6 lanes	Construction	Priority I Project anticipated to open to traffic by December 31, 2005 in original 2025 LRTP CDR
2501052	SR 25/Okeechobbee Rd	SR 826/Palmetto to E of W 12th Ave	Add Lanes & Reconstruct 4 to 6 lanes	Construction	Priority I Project anticipated to open to traffic by December 31, 2005 in original 2025 LRTP CDR
662472	NE 8 STREET/BAY SHORE DR	Phase II Biscayne Boulevard Port Boulevard	New 4 Lanes & Baywalk	Construction	Priority I Project anticipated to open to traffic by December 31, 2005 in original 2025 LRTP CDR
671310	NW 87 AVENUE	NW 154 Street NW 186 Street	2 to 4 Lanes	Construction	Priority I Project anticipated to open to traffic by December 31, 2005 in original 2025 LRTP CDR
671572	SW 184 STREET	SW 137 Avenue to SW 127 Avenue	2 to 4 Lanes	Construction	Priority I Project anticipated to open to traffic by December 31, 2005 in original 2025 LRTP CDR
671572	SW 184 STREET	SW 147 Avenue to SW 137 Avenue	2 to 4 Lanes	Construction	Priority I Project anticipated to open to traffic by December 31, 2005 in original 2025 LRTP CDR
83615	SR 836	NW 57th Ave SR 826	WB Auxiliary Lane	Construction	Priority I Project anticipated to open to traffic by December 31, 2005 in original 2025 LRTP CDR

## Methodology

The methodology utilized for this task has been approved by the Florida Department of Transportation and the Federal Highway Administration. This methodology discussed at length in the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update and in the original air quality Conformity Determination Report (CDR) for the Miami-Dade

MPO Year 2025 Long Range Transportation Plan Update .<sup>2</sup> Copies of this report are available upon request.<sup>3</sup>

## CALIBRATION OF THE EMIS MODULE

The process used to calibrate the EMIS module for FSUTMS follows several discrete steps. These steps must be completed each time the validated model is updated.

- Summarize HPMS VMT
- Summarize Weekly Factors for Peak Ozone Season
- Calculate Peak Ozone Season VMT
- Summarize Unadjusted EMIS.OUT VMT
- Calculate EMISFAC
- Input Updated EMISFAC to PROFILE.MAS, Re-run EMIS and Compare Model Output VMT to Peak Ozone Season VMT
- Summarize Validation Year Emissions Estimates
- Compare Model Results with Allowable Emissions Budgets from SIP

The following tables summarize the results of the EMIS module calibration for the 1999 Miami-Dade Transportation Planning Model (MTPM).

**Table 3: Step 1-Summarize Historical HPMS VMT to Check for Reasonableness**

County	1990	1995	1996	1997	1998	1999
Miami-Dade	35,325,747	38,732,737	38,124,058	39,100,926	40,275,960	40,741,718

**Table 4: Step 2-Summarize FDOT 1999 Weekly Factor Category Report and Calculate Average Adjustment**

Week	Dates	County North	County South	Average
23	05/30/99 - 6/05/99	1.01	0.99	1.00
24	06/06/99 - 6/12/99	1.01	0.99	1.00
25	06/13/99 - 6/19/99	1.02	0.99	1.01
26	06/20/99 - 6/26/99	1.01	1.00	1.01
27	06/27/99 - 7/03/99	1.01	1.00	1.01
28	07/04/99 - 7/10/99	1.01	1.00	1.01
29	07/11/99 - 7/17/99	1.01	1.01	1.01
30	07/18/99 - 7/24/99	1.00	1.01	1.01
31	07/25/99 - 7/31/99	1.00	1.01	1.01

<sup>2</sup> The methodology utilized for the demonstration of conformity is outlined in Florida Department of Transportation TOPIC No. 525-010-014-g, *District Review of Conformity Determination*. This methodology is discussed in the Conformity Determination Report adopted with the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update on December 6, 2001 and revised air quality CDR approved by the MPO Governing Board on January 31, 2002.

<sup>3</sup> Contact the Miami-Dade MPO at Stephen P. Clark Center, 111 N.W. 1<sup>st</sup> Street, Miami, FL 33128, telephone 305-375-4507, facsimile 305-375-4950 and e-mail Mike Moore at this address mmoore@co.miami-dade.fl.us..

32	08/01/99 - 8/07/99	1.00	1.01	1.01
33	08/08/99 - 8/14/99	0.99	1.01	1.00
34	08/15/99 - 8/21/99	0.99	1.01	1.00
35	08/22/99 - 8/28/99	1.00	1.02	1.01
<b>Peak Ozone HPMS Factor</b>		<b>1.00</b>	<b>1.00</b>	<b>1.00</b>

**Table 5: Step 3-Convert Year 1999 AADT VMT to Peak Ozone Season VMT**

County	HPMS VMT	Peak Ozone Factor	Peak Ozone Season VMT
Miami-Dade	40,741,718	1.00	40,741,718

**Table 6: Step 4-Summarize Unadjusted 1999 Model Estimated VMT from EMIS.OUT (99a)**

County	Validation EMIS.OUT VMT
Miami-Dade	42,630,212

**Table 7: Step 5-Calculate EMISFAC**

County	Target VMT (A)	Unadjusted Model VMT (B)	EMISFAC (A/B)
Miami-Dade	40,741,718	42,630,212	0.95570

**Table 8: Step 6-Compare Adjusted 1999 Model Output VMT to Peak Ozone Season VMT**

County	Adjusted Model Output VMT (A)	Target VMT (B)	Ratio (A/B)
Miami-Dade	40,741,644	40,741,718	1.00000

**Table 9: Step 7-Prepare Year 1999 Emissions Summary**

County	EMISFAC	Adjusted VMT	Adjusted VHT	VOC (tons)	CO (tons)	NOx (tons)
Miami-Dade	0.95570	40,741,644	1,915,769	86.62	728.49	106.67

**Table 10: Step 8-Compare with Emissions Budget Summary from FDOT Topic 525-010-014-g**

County	1990 HPMS VMT	1990 VOC	1990 NOx	2000 VOC Budget	2000 NOx Budget	2005 VOC Budget	2005 NOx Budget
Miami-Dade	35,184,445	156.60	117.70	148.77	111.82	148.77	111.82

## Findings

**Table 11** summarizes the projected reduction in VOCs and NO<sub>x</sub> and demonstrates that implementation of the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update will contribute to annual emissions reductions when compared to the 1990 Emissions Inventory, and that the same is true for each analysis year and the horizon year.

**Table 11: Miami-Dade MPO Year 2025 Long Range Transportation Plan Update Demonstration of Conformity**

Parameter	1999	2005	2015	2025
Population	2,130,700	2,316,900	2,626,800	2,969,200
VMT	40,741,600	44,268,552	50,540,348	60,234,768
NOx Emissions* (tons/day)	106.67	88.74	66.19	71.61
NOx Budget (tons/day)	111.82	111.82	111.82	111.82
VOC Emissions* (tons/day)	86.62	85.29	90.15	114.52
VOC Budget (tons/day)	148.77	148.77	148.77	148.77

\*Results were adjusted based on Fact Sheet 8 (Appendix K)

The emissions budgets for 1999, 2005, 2015 and 2025 models are identified in **Table 11** for comparison with projected emissions for 1999, 2005, 2015 and 2025. **Table 12** shows the Annual TIP/LRTP to 1990 Emission Inventory comparison.



**Table 12: Annual TIP/LRTP Compared with 1990 Emission Inventory**

<b>Precursor</b>	<b>1999 Network</b>	<b>2005 Network</b>	<b>2015 Network</b>	<b>2025 Network</b>
NOx Emissions (tons/day)	-5.15	-23.08	-45.63	-40.21
VOC Emissions (tons/day)	-62.15	-63.48	-58.62	-34.25

As illustrated on **Table 11 and 12** emissions expected from the implementation of this plan are consistent with the motor vehicle emissions budget established in the Air Quality Maintenance Plan for Miami-Dade County; emissions for each analysis year is less than the 1990 Emissions Inventory by a non-zero amount.

Emissions of VOCs are shown to be well below the emissions budget in all scenarios, including the 2005 Network in which emissions are 63.48 tons per day lower than the corresponding emissions budget. Emissions of NO<sub>x</sub> are 23.08 tons per day below the level allowed by the 2005 Emissions Budget.<sup>4</sup> Emissions generated by the network created for the Interim Year 2015 also generates emissions well below the emissions budget to which it must be compared. Like the 2025 Cost Feasible Network, emissions for 2015 must be compared to those of the last year of the Emissions Budget, 2005.

***“Emissions in years for which consistency with motor vehicle emissions budgets must be demonstrated, as required in paragraph (c) of this section, may be determined by interpolating between the years for which the regional emissions analysis is performed.”***

The Finding of Conformity for Miami-Dade MPO Year 2025 Long Range Transportation Plan Update is shown in **Appendix A**.

The Cross Reference Index for the Conformity Determination Report for the long range transportation plan update is included in **Appendix D** of this document.

### ***Conformity of the TIP***

The Transportation Improvement Program (TIP) for Fiscal Years 2004 to 2008 is a subset of the Miami-Dade MPO Year 2025 Long Range Transportation Plan Update is consistent with Section 176(c) of the Clean Air Act, supports the purpose of the State Implementation Plan (SIP) and was executed as outlined in the Memorandum of Agreement for Transportation Conformity and in FDOT Topic No. 525-010-014-g, *District Review of Conformity Determinations*, issued on July 9, 1998.

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<sup>4</sup> A new regional emissions analysis was performed to include TIP projects that were include in the 2005, 2010, 2015, and 2020 *Interim Year Network* and 2025 *Minimum Revenue Network*. See the section that follows entitled *Regional Emissions Analysis for the Year 2005 Interim Minimum Revenue Network*.

## **Disclosure of Regionally Significant Projects**

Annually, the MPO polls the members of the Technical Coordinating Committee (TCC) for the disclosure of privately funded transportation projects that have not been previously disclosed. The TCC is the required to determine if these projects are of regional significance. So determined regionally significant projects are then added to the appropriate network and included in the regional emissions analysis for the determination of conformity. Staff will repeat this request throughout the year.

# **Appendix A**

## Finding of Conformity

## **Finding of Conformity**

### **Miami-Dade MPO Year 2025 Long Range Transportation Plan Update** **(as approved)**

This regional emissions analysis has demonstrated that the approved Miami-Dade MPO Year 2025 Long Range Transportation Plan Update conforms to the provisions of Section 176(c) of the Clean Air Act Amendments of 1990, supports the purpose of the State Implementation Plan (SIP) and was executed as outlined in the Memorandum of Agreement for Transportation Conformity and the in the Florida Department of Transportation (FDOT) Topic Number 525-010-014-g. District Review of Conformity Determinations, issued on July 9, 1998.

The Miami-Dade MPO Year 2025 Long Range Transportation Plan Update is fiscally constrained as well as conforming and supports the SIP's purpose of eliminating or reducing the severity and number of violations of the National Ambient Air Quality Standards (NAAQS) and achieving expeditious attainment of such standards; and will not:

- (i) cause or contribute to any new violation of any standard in the area;
- (ii) increase the frequency or severity of any existing violations or any standard in any area; or
- (iii) delay timely implementation of any standard or any required interim emission reduction or other milestone in any area.

The regional emission analysis had demonstrated that emissions in each analysis year (1999, 2005, 2015, and 2025) are less than or equal to the vehicle emissions budget adopted in the Air Quality Maintenance Plan for Miami-Dade County and in the related SIP Revision, for the corresponding year. This emission budget meets the analysis requirement of 40 CFR 93.118.

The Miami-Dade MPO Year 2025 Long Range Transportation Plan Update meets the content requirements of 40 CFR 93.106, and is based on the most recent estimates of emissions based on the most recent populations, employment, travel and congestion as determined by the Miami-Dade Metropolitan Planning Organization. The travel demand model and MOBILE emissions utilized in development of both the plan and this conformity determination are those approved by the FDOT, Federal Highway Administration, Federal Transit Administration and United States Environmental Protection Agency.

# **Appendix B**

Approval Letters from FHWA/FTA and USEPA



**Federal Highway Administration**  
Florida Division Office  
227 N. Bronough Street, Suite 2015  
Tallahassee, Florida 32301  
(850) 942-9650  
[www.fhwa.dot.gov/fldiv](http://www.fhwa.dot.gov/fldiv)

**Federal Transit Administration**  
Region 4 Office  
61 Forsyth Street, S.W., Suite 17T50  
Atlanta, Georgia 30303  
(404) 562-3500

September 27, 2002

Mr. Thomas F. Barry  
Secretary of Transportation  
Florida Department of Transportation  
605 Suwannee Street  
Tallahassee, Florida 32399-0450

Dear Mr. Barry:

**Subject: Fiscal Year (FY) 2003 Statewide Transportation Improvement Program (STIP)**

The following is in response to the Department's letters dated July 1, 2002, August 7, 2002, August 13, 2002, and August 30, 2002, which transmitted for our review the FY 02/03 – 06/07 Transportation Improvement Programs (TIPs) for Florida's 25 Metropolitan Planning Organizations (MPOs) and Florida's FY 03 STIP, respectively. Our various metropolitan and statewide planning process findings and actions are summarized below:

**1. Metropolitan Transportation Planning Processes, TIPs and Transportation Conformity Determinations on Florida's One-Hour Ozone "Maintenance Area" TIPs:**

Based upon our review of the annual "self-certification" statements jointly developed between each of the MPOs and the Department and our joint certification reviews of Transportation Management Areas during 2002, we hereby determine that the FY 02/03 – 06/07 TIPs developed and adopted by each of Florida's 25 MPOs are based on continuing,

Mr. Thomas F. Barry  
September 27, 2002

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comprehensive planning processes carried on cooperatively by the respective MPOs, local/regional transit service providers and the Department. We also hereby conclude that the content and elements of each of the TIPs generally satisfy the requirements of 23 U.S.C. 134, 49 U.S.C. 5303, 23 CFR Part 450 (Subpart C) and 49 CFR Part 613 (Subpart C).

Also, for the FY 02/03 – 06/07 TIPs developed and adopted by Florida's six one-hour ozone "maintenance area" MPOs (Miami-Dade, Broward County, Palm Beach County, First Coast, Hillsborough County and Pinellas County), conformity determinations must be issued by the Federal Highway Administration (FHWA) and Federal Transit Administration (FTA), in cooperation with the Regional Office of the U.S. Environmental Protection Agency (EPA). As reflected in EPA's recent concurrence letter (see enclosure), we hereby issue the FHWA/FTA conformity determinations on each of these FY 02/03 – 06/07 TIPs, pursuant to the transportation conformity requirements of Section 176(c) of the 1990 Clean Air Act Amendments and 40 CFR Parts 51 and 93

## **2. Statewide Transportation Planning Process and the STIP:**

23 U.S.C. 135(f)(4) and 23 CFR 450.220(b) require that the FHWA/FTA approval of the STIP include a finding that the process from which the STIP was developed is consistent with the provisions of 23 U.S.C. 134 and 135 and 49 U.S.C. 5303 – 5305. Since 1995, an "annual assessment" of various aspects of the statewide transportation planning process has been a key source of information in supporting this FHWA/FTA statewide planning finding. On September 3 and 4, 2002, a meeting was conducted with various members of your staff to discuss Florida's statewide transportation planning process.

Enclosed for your reference and information is a copy of the summary report that concludes that the statewide transportation planning process satisfies the above requirements.

In summary, our review of the STIP, TIPs and supporting documentation concludes that the FY 2003 STIP satisfactorily addresses the process and content requirements of 23 U.S.C. 134 and 135, 49 U.S.C. 5303 and 5305, 23 CFR Part 450 (Subparts B and C) and 49 CFR Part 613 (Subparts B and C). Therefore, based on the above, Florida's FY 2003 STIP is hereby approved.

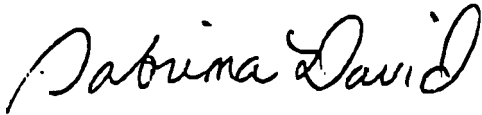
Mr. Thomas F. Barry  
September 27, 2002

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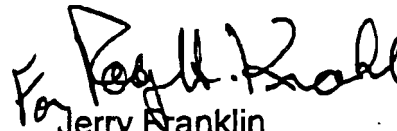
Over the next year, we look forward to continuing our coordination with the Department, the MPOs, the local/regional transit service providers and Florida's other transportation stakeholders in further implementing the various transportation planning and environmental provisions of the Transportation Equity Act for the 21<sup>st</sup> Century within the contexts of the statewide and metropolitan transportation planning processes.

If you have any questions, please contact Sabrina David, AICP at (850) 942-9650, extension 3008 or Roger Krahel at (404) 562-3507.

Sincerely



James E. St. John  
Division Administrator  
Federal Highway Administration



Jerry Franklin  
Regional Administrator  
Federal Transit Administration

Enclosure(s)

cc: Ms. Kay T. Prince, EPA Region 4  
Mr. Ken Morefield, FDOT, (MS-57)  
Ms. Ysela Llort, FDOT (MS-57)  
Mr. Marion Hart, FDOT (MS-57)  
Mr. James Jobe, FDOT (MS-7)  
Mr. Robert Romig, FDOT (MS-28)  
Mr. Howard Glassman, MPOAC (MS-28B)





**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**  
REGION 4  
ATLANTA FEDERAL CENTER  
61 FORSYTH STREET  
ATLANTA, GEORGIA 30303-8960

SEP 19 2002

4APT-APB

Ms. Sabrina David  
Planning and Intermodal Coordinator  
U.S. Department of Transportation  
Federal Highway Administration  
Florida Division Office  
227 N. Bronough Street, Suite 2015  
Tallahassee, Florida 32301

Dear Ms. David:

Thank you for the letter, dated July 3, 2002, requesting our review of the Fiscal Year (FY) 2002/03-2006/07 Transportation Improvement Program (TIP) conformity determination reports for the six Florida maintenance areas (i.e., Broward, Dade, Duval, Hillsborough, Pinellas and Palm Beach counties). We have completed our review, and recommend a finding of conformity for these TIPs.

During our initial review, we had difficulty making comparisons between the TIPs and the Long Range Transportation Plans. As such, we contacted your office and indicated that we would need an extension of the 30-day review period in order to get additional information from the submitting counties. It was agreed that the best course of action was to extend the review period so that we could ensure that the TIPs met the requirements of the conformity regulation.

Since that time, we have participated in several conference calls with your office, and the other Florida transportation and air quality partners regarding these TIP conformity determinations. During these calls we received clarification and subsequent documentation that helped us complete our review. These calls were very useful and highlighted several opportunities for us to make improvements. As a group we decided to use the interagency consultation workgroups as the forum to develop methods for improvements for the conformity determination report development and review processes. Additionally, we understand from these discussions that the Florida Department of Transportation is taking a proactive step for the next round of TIP updates by arranging an interagency consultation meeting to begin the discussion on what type of documentation is necessary to facilitate Federal review for these upcoming conformity determinations. We are encouraged by this effort and expect to fully participate in this meeting.

Thank you once again for the opportunity to comment on the TIP conformity determinations for the six Florida maintenance counties. We look forward to working with your office, and the other Florida transportation and air quality conformity partners, to explore ways to

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improve the conformity report development and review processes. If you have any questions regarding this letter, please contact Mr. Alan Powell or Ms. Lynorae Benjamin of the Environmental Protection Agency Region 4 staff at (404) 562-9045 or (404) 562-9040, respectively.

Sincerely,



R. Scott Davis  
Chief  
Air Quality Modeling and  
Transportation Section

cc: Jerry Franklin, FTA Region 4  
Kurt Eichen, FDOT  
Howard Rhodes, FDEP

# **Appendix C**

## Conformity of TIP

## **Conformity of the TIP**

The Transportation Improvement Program (TIP) for Fiscal Years 2004 through 2008 is a subset of the Amended Miami-Dade Urban Area Transportation Study 2025 Update is consistent with Section 176 (c) of the Clean Air Act, supports the purpose of the State Implementation Plan and was executed as outlined in the Memorandum of Agreement for Transportation Conformity and in FDOT Topic No. 525-010-014-g. District Review of Conformity Determinations, issued on July 9, 1998.

# **Appendix D**

Cross Reference Index for LRTP CDR

**Name of MPO: Metropolitan Planning Organization for the Miami Urbanized Area**

<b>ITEM NO.</b>	<b>Requirement</b>	<b>Page Number</b>
1	A copy of the MPO's finding of conformity on the transportation plan is included	i
2	An emissions reduction summary table such as Appendix 8 of this procedure is included	19
3	The report demonstrates that the implementation of the transportation plan will contribute to annual emission reductions when compared to the 1990 base year network, and that the same is true for each analysis or horizon year. The horizon years were selected by the MPO through the Consultation Process.	2
4	The report documents that the transportation plan is in conformance with the SIP, the CAA, and the transportation conformity regulation, the metropolitan planning regulation, and other applicable and state requirements.	2
5	The report states that the transportation plan is financially constrained.	3
6	The dates the MPO's Technical and Citizens' Advisory Committees (TAC and CAC, respectively) reviewed the conformity finding, and the date the MPO adopted the transportation plan and its Conformity Determination Report, are indicated.	3
7	The MPO has documented that the contents of the transportation plan meet the requirements of 40 CFR 93.106	4
8	The emissions expected from the implementation of the transportation plan are consistent with the motor vehicle emissions budgets for the MPO shown in the approved maintenance plan; emissions for each horizon year are less than the 1999 base year inventory by any non-zero amount.	4
9	The date the area was redesignated to attainment by EPA is shown.	4
10	The transportation plan conforms to the purpose of the SIP by eliminating or reducing the severity and number of violations of NAAQS and achieving expeditious implementation of such standards.	4
11	Page numbers in the transportation plan where financially funded Transportation Control Measure (TCM)-type strategies, programs, and projects, including CMAQ projects, as applicable, are identified	5
12	The dates that FHWA/FTA made finding of conformity on the previous TIP and the TIP was approved by the Secretary of FDOT as shown.	5
13	The report identifies significant issues raised verbally or in writing at, or subsequent to, the TAC meeting by state or local air quality agencies, and how the MPO addressed such concerns; or, the report states that no significant comments were received.	6

**Name of MPO: Metropolitan Planning Organization for the Miami Urbanized Area**

<b>ITEM NO.</b>	<b>Requirement</b>	<b>Page Number</b>
14	Relevant interagency and/or interlocal agreements necessary to implement the conformity process are documented, and the parties to the agreements and the dates executed are cited.	6
15	The MPO has documented how data collection, analysis, and development of the transportation plan was coordinated with the other MPOs in the same airshed (if applicable), and how the interagency consultation process was implemented to ensure consistency between emissions and conformity analyses.	6
16	The plan documents that the emissions budgets used in the conformity analysis are those contained in the SIP's approved maintenance plan, and the conformity analysis meets the analysis requirements of 40 CFR 93.118.	6
17	The long-range plan describes the future transportation system specifically enough to allow a determination of conformity.	7
18	The public involvement process is fully documented. If documented in the transportation plan rather than the plan's Conformity Determination Report, indicate the page number.	7
19	The MPO consulted with FDOT, FDEP, the local air quality program, transit providers, and local transportation agencies before adopting the transportation plan Conformity Determination Report. The date the public comment period began and the date the draft plan and CDR were provided to the public and agencies for review indicated.	7
20	The CDR documents whether significant changes were made in the conformity analysis after TAC review, indicates the purpose of the changes, the agencies consulted, the consultation process undertaken, and the outcome.	8
21	The report includes the MPO's written response to all significant (non-editorial) concerns of the state and local air quality agencies, whether such concerns were stated verbally or in writing.	8
22	The CDR explains how models to be used in the regional emissions analysis were evaluated and selected by the MPO through the consultation process.	8
23	If applicable, the MPO has documented that minor arterials and other transportation projects were determined through the consultation process to be regionally significant, and therefore subject to conformity analysis.	8
24	Projects identified through the consultation process that underwent a significant change in design concept and scope from the previous conforming transportation plan	8

**Name of MPO:     Metropolitan Planning Organization for the Miami Urbanized Area**

<b>ITEM NO.</b>	<b>Requirement</b>	<b>Page Number</b>
25	The CDR documents methodology and emissions reductions resulting from TCMs and TSMs in the plan; the CDR documents whether certain exempt projects were evaluated to determine if they should be treated as non-exempt because of potential adverse impacts on air quality, if applicable.	8
26	The CDR documents that all parties to the consultation process were notified by the MPO when revisions or amendments to the transportation plan and TIP added or deleted exempt projects, and the dates of such notification, as applicable.	8
27	The CDR documents that the EPA-approved emissions model was used, coordinated with FSUTMS and EMIS, and the use of other models was coordinated with FDOT, FHWA, DEP, and other parties	9
28	The sources of the most recent planning assumptions, derived from the estimates of current and future population, employment, travel, and congestion are documented.	9
29	The assumptions made about transit services and increases in transit fares, and road and bridge tolls over time are indicated.	10
30	All projects for each of the transportation plan's horizon years (including exempt projects) are listed, and the WPI numbers are indicated	10
31	The report explains (as applicable) how the travel demand model VMT used as the basis for the 1999 base year emissions inventory has been adjusted to HPMS VMT and shows the results of the analysis.	10
32	Copies of the input files for the MOBILE model and the EMIS output files are included.	10
33	Projects exempt from the regional emissions analysis are highlighted in the project listings, or shown on a separate table.	10
34	Projects that have not completed a major step as defined in 40 CFR §51.394(c) are highlighted in the project listings, or shown on a separate table.	10
35	Off-model methodologies used to estimate emissions reductions from projects and programs not reflected in the transportation model are fully documented and each project or program is fully described.	11
36	The VMT from projects which are not regionally significant have been estimated in accordance with reasonable professional practice.	11



# **Appendix E**

## Sample Advertisements



# **Tired of the Traffic Tie-up?**

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Transportation Improvement Program (TIP).**

## **WE NEED YOUR INPUT!**

**Wednesday, March 26, 2003**

**6:00 to 8:00 p.m.**

**Commission Chambers**

**(Downtown Miami)**

**Stephen P. Clark Center**

**111 N.W. 1 Street**

- CALL (305) 375-1843 •
- E-MAIL [mpo@miamidade.gov](mailto:mpo@miamidade.gov) •
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Hong Kong ont déjà été annulés en raison des craintes liées à cette épidémie. (AFP)

centrafricaine, le général François Bozizé, s'est autoproclamé dimanche "président de la République" par la voix de son porte-parole, Parfait Mbaye, au lendemain d'un

coup d'Etat éclair déclenché à Bangui en l'absence du président élu Ange-Félix Patassé. Aucun combat n'était signalé dimanche à Bangui, où se déroulaient des scènes de pillage. Mais des tirs sporadiques continuaient de retentir, a constaté un journaliste de l'AFP.

(voir Coup / 17)



# FATIGE AK TOUT TRAKA SIKILAYON MALOUK?

## EDE RETIRE MALOUK LA LADAN LI

Vini an pèsònn oubyen tcheke  
sou Televizyon Miami-Dade  
(Ch. 34 oswa tcheke sistèm kab  
lakay nou an pou channel la)

Vini rejwenn vwazen yo pa telefòn, Faks,  
oubyen E-mail Pou yon reyinyon entè-aktiv an  
dirèk sou koze Pwogram Amelyorasyon Transpò  
"Transportation Improvement Program (TIP)

**Nou bezwen pawòl pa nou nan koze an!**

**Mèkredi, 26 Mas, 2003**

**6:00 a 8:00 p.m.**

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Stephen P. Clark Center • 111N.W.1Street**

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E-MAIL [mpo@miamidade.gov](mailto:mpo@miamidade.gov)

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SCHEMA SOU PWOGRAM TIP LA DISPONIB POU WÈ AK/OSWA TELECHAJE SOU WWW.CO.MIAMIDADE.FL.US/MPO

## University Scholarship Program seeks:

The Haitian Education & Leadership Program (HELP), a non-profit organization which provides scholarships for promising students from Haitian high schools to attend university in Haiti is searching for its first Executive Director (ED) to work in Port-au-Prince. Responsibilities of the ED will include:

- Academic oversight & counseling, oversight of admission process and purchase and coordination of books and resources.
- Administration of HELP funds and resources, ensuring student compliance with program guidelines and oversight of the HELP study center.
- Institution and organization of HELP's first permanent office.
- Various fundraising duties both in Haiti and abroad.

All applicants must have a University degree, prior management/professional experience, at least five years working experience in Haiti or abroad, be fluent in French, English and spoken Creole. Experience in the education sector is a plus.

For a full job description, please e-mail  
[cbohan@haitianeducation.org](mailto:cbohan@haitianeducation.org)



## NOTICE TO THE PUBLIC CITY OF MIAMI, FLORIDA

ALL TAKE NOTICE THAT a meeting of the City of Miami Commission scheduled for Thursday, March 27, 2003, will convene at 10:00 a.m. at the City of Miami City Hall, 3500 Pan American Drive, Miami, Florida 33133. Under the parameters of F. S. 286.011(8), the person chairing the City of Miami Commission meeting will convene immediately after the meeting is convened the commencement of an attorney-client session, closed to the public, for purposes of discussing the pending litigation case of *Access Now, Inc., a Florida For-Profit Corporation, and Christ Tavantzis vs. City of Miami, a Local Corporation, Miami Dade County, and the State of Florida Department of Transportation, Case No. 02-21413-CIV-Moreno*, in the District Court Southern, District of Florida, to which the City is a party. The closed door session will begin at approximately 10:00 a.m. in Commissioner Angel Gonzalez's Conference room, also at 3500 Pan American Drive, Miami, Florida, and conclude at approximately 10:00 a.m. The session will be attended by the members of the City Commission, Tomas Regalado, Angel Gonzalez, Joe Z, Arthur E. Teele, Jr., and Johnny L. Winton; the City Manager, Maria J. Chiaro and Henry J. Hunnefeld. A certified court reporter will be present to ensure that the session is fully transcribed and transcripts will be made public upon the conclusion of the session, ongoing litigation. At the conclusion of the attorney-client session, the regular Commission meeting will be reopened and the person chairing the Commission meeting will announce the termination of the attorney-client session.

Members of the public are invited to attend the regular portion of the meeting.

PRISCILLA A. THOMPSON  
CITY CLERK

04514710-001

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- CALL (305) 375-1843 •
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## INVITATION TO BID NORTH TERMINAL PROGRAM

### AA Project #776A-1, AA Project #776A-2, AA-Project #776A-3 A-B Infill Tenant Relocations

BIDS will be received at Turner-Austin Airport Team Offices located at Miami International Airport, Building 3030, 2<sup>nd</sup> Floor, Florida 33122 on **April 8, 2003 at 2:00 p.m.** No bids will be accepted after this deadline.

Bids will be received from Pre-Qualified Contractors only for the project designated above. Pre-Qualified Contractors shall be limited to those contractors that responded to a duly noticed Request for Qualification and have been previously approved by American Airlines and the Construction Manager.

Interested parties should contact:

**Susan Robinson**  
Phone (305) 869-5876 Fax (305) 869-4732  
E-mail at: [srobinson@turner-austin.com](mailto:srobinson@turner-austin.com)

#### Estimates:

776A-1 Duty Free & MDAD Storage: \$672,000.00

776A-2 Virgin Atlantic / Air France Maintenance / Worldwide / Club America Storage: \$826,000.00

776A-3 In-Transit Waiting Room: \$917,000.00

Design Professionals: Leo A. Daly

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el cerro con una ganancia de \$1.5 millones. La sesión consecutiva electrónica Nasdaq ganó

El principal indicador de Wall Street subió 8.521,62 unidades, nivel de fines de enero. El Nasdaq cerró en alza 1,17 unidades, y el S&P 500, más representativo de los índices del mercado, ganó 20,22 unidades.

La Bolsa de valores de Nueva York ganó 1,95%, acompañada de las bolsas europeas.

Los inversores atribuyeron el optimismo a que éstos apuestan a una recuperación de la economía.

La bolsa argentina subió 0,56%, y la bolsa de Chile ganó 0,01%, y Colombia ganó 0,01%.

## enfrentan caída por la guerra

El seguro de desempleo se ve afectado por el descenso de las reservas a causa de la guerra en Irak.

"Constatamos un descenso de las reservas derivado de las amenazas de guerra y ahora esperamos que la tendencia continúe ya que la guerra comenzó", dijo Greg Taylor, vicepresidente de la compañía, en un comunicado de prensa. Por su parte, Air Canada suprimirá 3.600 empleos a fines de 2003, una decisión motivada, en parte, por el inicio de la guerra en Irak.

American Airlines, primera compañía aérea del mundo, reducirá en un 6% su capacidad de transporte de pasajeros en sus líneas internacionales en abril, para responder a la baja esperada del tráfico. Avianca, la más antigua aerolínea de Latinoamérica, acogió la ley estadounidense de bancarrota para afrontar las dificultades económicas derivadas de los atentados del 11 de septiembre de 2001 contra EE.UU.

La empresa presentó voluntariamente en una corte del estado de Nueva York el recurso de protección de capítulo 11 (C-11) de la Ley de quiebras de Estados Unidos.

La compañía no operó por feriado.

Por la mañana los mercados europeos también registraron fuertes alzas: París subió 3,43%, Londres 2,5%, Amsterdam 4,98%, Frankfurt 4,23%, y Milán 2,94%. El índice Ibex-35 de la bolsa de Madrid cerró en alza de 2,55%, en un mercado activo debido a los vencimientos de contratos a plazo y la esperanza de una guerra de corta duración en Irak, indicaron corredores bursátiles. En Asia, Tokio cerró por feriado, y las demás plazas financieras se comportaron de manera dispar: Hong Kong (-0,17%), Taiwán (-0,27%), Singapur ganó 1,37% y Seúl 1,29%. En Sydney casi no hubo cambios (+0,02%).

En el mercado de cambios, el euro continuó cayendo ante el dólar. "El dólar continúa apreciándose, puesto que el mercado tiene la sensación de que la guerra avanza conforme a las instrucciones", indicó Paul Bednarczyk, economista de la agencia de investigación 4CAST.

Hacia las 22H00 GMT el euro se intercambiaba a 1,0524 dólares contra 1,0523 tres horas antes y 1,0611 dólares el jueves en Nueva York.

La compañía dijo que apeló a esa norma ante la situación de la economía mundial, la caída de la demanda tras los ataques del 11 de septiembre en Estados Unidos, el aumento de los precios del combustible, el inicio de la guerra en Irak y el "dramático" incremento en las primas de los seguros.

El conflicto continuó este viernes perturbando el tráfico, ya que numerosas compañías anulaban desde el jueves sus vuelos hacia Israel y los países vecinos de Irak.

United Airlines, que el año pasado solicitó la mayor cesación de pagos de una aerolínea, dará licencia temporal sin sueldo a 3.448 mecánicos, azafatas y sobrecargos porque la guerra en Irak está reduciendo los vuelos en avión, dijeron sindicatos de la filial de UAL Corp.

La compañía está pidiendo a 468 mecánicos que tomen la licencia para el 25 de marzo y a otros 680 que lo hagan para el 15 de abril, dijo el sindicato International Association of Machinists en un mensaje a sus miembros. United también ha pedido a 2.300 azafatas y sobrecargos que tomen licencias de 30 días sin paga para abril, dijo el sindicato Association of Flight Attendants.

Europa suscribieron un acuerdo de códigos compartidos para facilitar el transporte de pasajeros a Cuba.

El acuerdo garantiza la coordinación en las operaciones de los vuelos programados por ambas compañías, que aparecerán bajo doble código en las redes de distribución de las agencias de viaje y otras líneas aéreas, informaron hoy medios oficiales.

El convenio entrará en vigor en mayo y permitirá a los usuarios tomar cualquier vuelo de la compañía española en Europa y terminar su viaje en los destinos que trabaja Cubana, tanto en Cuba como en la región del Caribe.

Air Europa mantiene siete vuelos semanales entre La Habana y Madrid, mientras que Cubana realizará cuatro a la semana en el tercer trimestre y dos en el cuarto trimestre del año.

Según estimaciones oficiales, actualmente vuelan a Cuba alrededor de 70 aerolíneas internacionales.

El turismo es la principal fuente de ingresos para la economía de Cuba, que el pasado año recibió cerca de 1,7 millones de visitantes y que prevé la llegada de 1,9 millones de turistas durante este ejercicio.

**HOY ES  
EL DIA**

**¡Deja de Fumar!**  
American Heart Association  
C 1992, American Heart Association

**¿Cansado de las Congestionaciones del tránsito?**

**Contribuya a acabar con los "tranques"**  
Acuda en persona o sintonice a Miami-Dade Televisión (Canal 34 o averigüe el número para el canal en su sistema de televisión por cable)  
Únase a sus vecinos por teléfono, fax o correo electrónico en una reunión interactiva en vivo del Programa de Obras en el Transporte (TIP, sus siglas en inglés)

**¡NECESITAMOS SU PARTICIPACIÓN!**  
El miércoles 26 de marzo del 2003 de 6:30 a 8:30 p.m.  
en el auditorio de la Junta de Comisionados Condado ("downtown" de Miami)  
Centro Stephen P. Clark, 111 NW 1ra calle.

Haga saber su parecer  
• POR TELÉFONO AL 305-375-1843 •  
• POR CORREO ELECTRÓNICO AL: [mpo@miamidade.gov](mailto:mpo@miamidade.gov)  
• POR FAX AL 305-375-4950 •

REUNIÓN AUSPICIADA POR EL COMITÉ CONSULTIVO DEL TRANSPORTE (CTAC, SUS SIGLAS EN INGLÉS) Y LA ORGANIZACIÓN DE PLANIFICACIÓN METROPOLITANA EN EL WWW.CO.MIAMIDADE.FL.US/MPPO PUEDE VER O BAJAR UN BORRADOR DEL PLAN DEL TIP.

Diario de las Américas

Domingo 23 de Marzo de 2003

Pág. 4-B

A del  
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The Miami Herald

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Primary Foot Care Center, Inc. is seeking patients with diabetes who have foot and leg ulcers. Eligible patients will have the opportunity to participate in a research study comparing a study device with standard dressings for wound healing. If you have diabetes and an ulcer on your foot or leg, call us today.

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For more information, please call  
**Tamara Fishman, D.P.M.**  
**(305) 948-8497**  
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THE PATIENT AND ANY OTHER PERSON RESPONSIBLE FOR PAYMENT HAS A RIGHT TO REFUSE TO PAY, CANCEL PAYMENT, OR BE REIMBURSED FOR PAYMENT FOR ANY OTHER SERVICE, EXAMINATION, OR TREATMENT THAT IS PERFORMED AS A RESULT OF AND WITHIN 72 HOURS OF RESPONDING TO THE ADVERTISEMENT FOR FREE, DISCOUNTED FEE, OR REDUCED FEE SERVICE.

## CITY OF NORTH MIAMI BEACH PUBLIC NOTICE OF POLICE OFFICERS AND FIREFIGHTERS RETIREMENT COMMITTEE MEETING

NOTICE IS HEREBY GIVEN THAT ON THURSDAY, MARCH 27, 2003 THE POLICE OFFICERS AND FIREFIGHTERS RETIREMENT COMMITTEE MEETING WILL BE HELD AT THE CITY OF NORTH MIAMI BEACH, 1000 N. MIAMI BEACH BLVD., 1ST FLOOR, MIAMI BEACH, FL 33139. THE MEETING WILL BE HELD AT 10:00 A.M. AND WILL LAST UNTIL 12:00 P.M. THE AGENDA FOR THE MEETING IS AS FOLLOWS:



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Wednesday, March 26, 2003

6:00 to 8:00 p.m.

Commission Chambers

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City of  
**OPA-LOCKA**  
Florida

## Request for Proposal

The City of Opa-Locka requests Proposals and Statements of Qualifications and Experience from professional environmental firms experienced in Phase I and Phase II Assessment work. Services should include, but not be limited to, asbestos, underground storage tanks, soil contamination from previous uses of the property, and infrastructure.

### REQUEST FOR PROPOSAL

NUMBER: 04-1403

SOLICITATION NAME: WATER PLANT SITE  
1025 BURLINGTON STREET  
OPA-LOCKA, FLORIDA 33054

DEADLINE FOR INTEREST: Interested firms may contact Eugenia Turner, Brownfields Coordinator at (305) 953-2909 or via e-mail: [brownfieldscord@aol.com](mailto:brownfieldscord@aol.com) if you have any questions. The Request for Proposal Package can be obtained at the Office of the City Clerk, 777 Sharazad Blvd. Opa-Locka, Florida up to 4:00 p.m. Eastern Daylight Time, April 14, 2003.

Interested firms, individually or in partnership, are requested to indicate their interest in this project by submitting ten (10) originals of their Proposal and Statement of Qualifications and Experience in a sealed package marked on the outside: "Project Proposal - City of Opa-Locka Water Plant Site" addressed to Attn: Eugenia Turner, Brownfields Coordinator, City Clerk Office 777 Sharazad Blvd., Opa-Locka, Florida 33054 not later than 4:00 p.m. on June 16, 2003.

The City of Opa-Locka reserves the right to reject any and all proposals, to waive any and all information or irregularities, and to accept or reject all or any part of the proposals as they may deem to be in the best interest of the citizens of the City of Opa-Locka as they may affect this project.

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# decide on annexation

he proposed annexation, the land could bring per capita revenues into the town are "substantially similar" slightly less than what the town currently receives.

## HIALEAH

"The City of Hialeah has its professional residents in southwest Broward County. The proposed annexation area would provide the town with the opportunity to develop more attractive housing to this professional market."

The city is completely built-out except for 50 acres of vacant land.

A large public park, surrounding some of the existing homes, would be built to serve the annexed area.

"Possible light industrial" development on the Peerless landfill site.

At maximum development, the area would contain 15,000 to 20,000 people.

## HIALEAH GARDENS

"This annexation application has been coordinated with the City of Hialeah. Both cities have worked together to determine the best way to divide the existing vacant land."

Hialeah Gardens will be completely built-out in two years should its annexation application not be approved.

The area sought by Hialeah Gardens is 1,500 acres in total but it includes land that cannot be developed either because it is environmentally sensitive or because it is outside the county's established development boundaries. Less than half the land — 689 acres — will be available for development.

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# Key Biscayne may vote again on rec

## ► KEY BISCAIYNE, FROM 3

that is too large, too expensive and will consume our last remaining bit of playing fields for open space," Akerlund-Tarajano said.

On Thursday, Village Clerk Conchita Alvarez and repre-

sentatives of Miami-Dade County's Elections Department verified that 460 of the signatures — the 10 percent required by the village charter — were from registered voters on the island.

The petition was certified Friday.

Now, the remaining decisions are left up to the council.

At its April 8 meeting, the council will have two choices when it comes to determining the future of the center.

One option would be to repeal the ordinance passed by the former council. If this happens, the "process comes to immediate termination," Village Attorney Steve Helfman said.

The alternative, which some council members have already said they will support, is referendum.


In this case, the village could hold an election no sooner than 30 days and no later than 60 days after the April 8 meeting, which means the election could happen

Financial losses have become a recent concern for some residents after they heard estimates from the senior vice president of James A. Cummings Inc., the company hired to oversee construction of the project.

At a recent meeting, Michael Lanciault told residents that the project was terminated, the village may owe up to \$5 million in cancellation fees and the cost of unused materials.

But that isn't the case, according to attorney Helfman.

If the referendum is successful, Helfman said, the costs the village would have to pay would be for "whatever they have in the ground or the pipeline" such as build-



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**TOWN HALL MEETING**

**Thursday, March 27, 2003  
7:00 p.m.**

**Winston Park Clubhouse  
8100 SW 132nd Avenue**



Commissioner  
Javier D. Souto  
District 10

Guest Speakers will include representatives from Miami-Dade County's Police Department and Team Metro.

For more information, please call 305-222-2111

Sponsored by Commissioner Javier D. Souto, District 10

Please note: By law, County Commissioners are not permitted to discuss zoning matters. Any matter regarding zoning should be directed to the Zoning Hearing section of the Planning, and Zoning Department (305) 375-2640.

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### 'Losing the SWAT

Team, that was sad. But I remember I had 10 people out at once during that period of time and I needed those guys in there to take calls.'

— AL ROLLE,  
Homestead police chief

time, where he said they were needed more.

The cuts came at a time when the city was still battling to overcome its budget crisis, but both Rolle and Homestead's Mayor Roscoe Warren said the cuts had nothing to do with attempts to recover some of the \$6 million of city debt.

"It was a shift in priorities. We had an increased need for special operations," said Warren.

One such program aimed at controlling criminal activity on Washington and Krome avenues yielded 109 arrests, City Manager Curt Ivy said at the

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## NEIGHBORS IN UNIFORM

Lt. Col. Wade Yoffee will retire from the U.S. Marine Corps on May 1. He is the son of Mrs. Bernard Yoffee of Kendall and the late Dr. Bernard Yoffee, who retired from the U.S. Air Force. Yoffee is married to the former Robin Fredrickson, the daughter of Mr. and Mrs. Robert Fredrickson of Pinecrest. They plan to continue living in Hawaii, where he will work as a civilian employee and his wife will teach autistic children.

Seaman E3 Justin J. Bosch graduated from the U.S. Coast Guard Training Center, Cape May, N.J., on Feb. 7. He was a member of the U.S. Coast Guard Recruit Drill Team and will be stationed at Coast Guard Station Fort Lauderdale. He is the son of Judy and Michael Rescigno of Miami-Dade and a 2002 graduate of Southwest High.

Army Pvt. Marques L. Hunt has graduated from basic combat training at Fort Jackson, Columbia, S.C. Hunt is the son of Norma Jones of Miami-Dade.

Army Reserve Pfc. Angel G. Garcia has graduated from basic combat training at Fort Knox, Ky. Garcia is the son of Angel G. and Mayda Garcia of Miami-Dade.

Navy Seaman Apprentice Karla V. Lopez Martinez, daughter of Maricruz Martinez, was recently promoted to her current rank upon graduation from recruit training at Recruit Training Command, Great Lakes, Ill. Lopez Martinez is a 2002 graduate of Coral Gables High.

Navy Seaman Recruit Muhammed F. Morad, son of Samar Alkasem and Ali F. Morad of Miami-Dade, recently completed U.S. Navy basic training at Service School Com-

mand, Naval Training Great Lakes, Ill.

Navy Seaman Alfredo V. Winter completed U.S. Navy training at Recruit Command, Great Lake

Navy Seaman Ramanan, son of Sher Robert C. Kalbach of Dade, recently completed Navy basic training at School Command, Naval Center, Great Lakes. Ramanan is a 2002 graduate of Braddock High.

Marine Corps Reserve Sgt. Alex Rodriguez, son of Homestead, was promoted to his rank while serving with Force South, Miami. Rodriguez was promoted based on his superior job performance and proficiency designated specialty.

Marine Corps Lance Corporal Michael D. Hilton, son of Mian Passino of Miami, recently completed the Arms Repair Course at Army's Proving Ground Aberdeen, Md. Hilton is a graduate of South Dade

Marine Corps Pfc. Carlos Saenz, son of Martha Rafael F. Saenz of Miami, recently completed the Metal Worker Course. Saenz is a 2002 graduate of Coral Gables High.

U.S. Army 1LT Hubert J. III, who serves as a Support Platoon Leader, 3rd Battalion of the 101st Airborne Division, has deployed to an undisclosed location in the Middle East. He is a son of Hubert and Parsons of Miami-Dade.

Julio A. Delanoy has been commissioned as a second lieutenant in the U.S. Air

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## P-CR Council Beautification Award honors Starbucks Coffee Company



design.

Sponsored by Total Bank, the award is presented to a different business each month. In addition to receiving a framed certificate, the winning business will be able to post a sign on its property designat-

quality jobs for our residents, while diversifying and strengthening our economic base consistent for the future of South Miami-Dade.

For more information about the council, call 305-378-9470.



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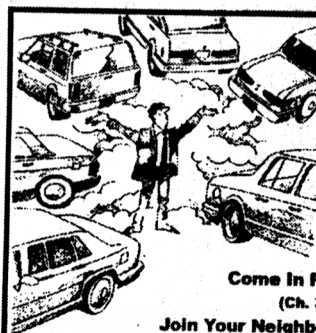
## MS Walk brings community together for a good cause



News anchor, spoke of her commitment to finding a cure for multiple sclerosis, a disease that affects more than a third of a million people in the U.S., including her own mother who was diagnosed with MS when Maggie was a teenager.

grams aimed at finding a cure for the disease.

"The walk continues to grow and we are truly grateful," Dresbach said. "Our staff and volunteers put a tremendous amount of effort into making the MS Walk exciting and memorable for participants."



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# 2004 Toyota Sienna called 'new benchmark' for minivans



Minivan lovers, rejoice. Toyota has revamped the popular Sienna for 2004 with an all-new platform and a multitude of new features that the company hopes will catapult the stylish family vehicle to the top of the segment's sales charts.

Without mincing words, Toyota marketing executives say they are taking dead aim on segment leader Honda Odyssey and that the new Sienna is the new benchmark for minivans.

The company unveiled this second generation of Sienna recently with a press preview and ride-and-drive in Orlando, basing

So, while most studies indicate that minivan sales in the United States are waning, the Toyota marketing people maintain that there is a died-in-the-wool following of minivan buyers in this country who loyally pledge allegiance to this family-style vehicle and refuse to switch to an SUV or a crossover. They optimistically conclude that the new Sienna will sell more than 81,000 units in its first year on the market and tally another 130,000-150,000 units during the next two years.

Items that may help the company achieve those figures are the IMS conversion for the disabled, which gives the Sienna a lower floor and a ramp for easier access, and touch sensors in the doors to prevent them from closing on youthful arms and legs. There also is improved access and egress to the third row of seating via a one-touch second-row seat that tumbles forward to provide a wide opening.

Sienna will come in four basic models: LE, SE, XLE and the new base model with a



New Sienna bears a resemblance up front to other Toyotas such as the Prius and Echo and from the rear looks a little like the Matrix with a gently sloping roofline.

that still leaves a turning radius reduced by on the highway). Ask this combination for



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The programs assigned to all six campuses, effective May 5, 2003, are:

**Nora Hernandez Hendrix, InterAmerican Campus.** Dr. Hendrix is the institution's dean for Workforce Education and Development and has a 23-year career at the college, serving in the roles of counselor, project director, associate dean, faculty member, academic dean and academic and student support services dean. She attended the University of Florida where she earned bachelor's and master's degrees and holds a doctorate in Higher Education from the University of Miami. Hendrix resides in the city of Miami.

**Rolando Montoya, Wolfson Campus.** Montoya is interim academic dean at the Kendall Campus and has served the college for approximately 16 years in various significant positions including professor and Business Department chair. Montoya's prior leadership experiences, as consul and trade commissioner of Costa Rica and as finance

Dr. Bryant holds bachelor's and master's degrees from Florida A&M and a doctorate in education from Nova Southeastern University. She has participated in special studies at Harvard University and Florida International University. The Miami Lakes resident is active in numerous local and national professional and civic organizations and has been honored for her many achievements in community and education endeavors.

**Richard B. Schinoff, Homestead Campus.** Dr. Schinoff has devoted more than 30 years to M-DCC in various capacities, including academic affairs, student services and administrative services. He has led the Kendall Campus as president since 1997 and now returns to Homestead where he previously served six years as executive dean. He holds a doctorate from Florida State University, a master's degree from Indiana University and a bachelor's degree from the University of Massachusetts. Dr.

decades, including more than 10 years at the InterAmerican campus — the last six as president. He has served as an instructor in Bilingual Studies, director of grants, as well as positions in community service, support services and outreach. Vicente holds a doctorate and master's degree from Nova University, and a bachelor's degree from Biscayne College. An active participant in national Hispanic educational organizations and local community affairs, Dr. Vicente resides in Coconut Grove.

At the district administration, two vital functions that have college-wide oversight will be overseen by **Dr. Jeffrey Lukenbill**, who will assume the role of provost of education. Dr. Lukenbill has served as College Provost since 1997, following more than a dozen years as dean of academic affairs.

**Dr. Kathie Sigler**, who has been appointed provost of operations effective immediately, is responsible for communications, technology, employee development,

information officer, dean of administration and department chair.

Additional administrative appointments announced by Dr. Padron are:

**Kendall Campus:** Karen Hays, academic dean; Armando Ferrer, student dean; **Medical Center:** Susan Kah, academic dean; **Madeline Pumariega**, administrative/student dean; **North Campus:** Harry Hoffman, academic dean; **Cristina Mateo**, administrative dean; **Malou Harrison**, student dean; **Wolfson Campus:** Sally Buxton, administrative dean, and Herb Robinson, student dean.

**District Administration:** Juan Abascal, associate provost for academics; **Gina Cortes-Suarez**, associate provost for accreditation activities; **Joan Gosnell**, associate provost for faculty initiatives; **Joanne Bashford**, associate provost for institutional effectiveness; and **Daniel Derrico**, associate provost for operations.



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South Miami Hospital Association president Jeff E. Rubin.



South Miami Hospital Association president Jeff E. Rubin and South Miami Hospital CEO Wayne Denbrin.



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Mon - Fri 7:30 am - 8:00 pm / Sat 8:00 am - 3:00 pm

**OIL CHANGE  
SPECIAL**

**\$ 14.95**

ALL CARS  
Synthetic Oil Extra

**STRICTLY  
EUROPEAN AUTO**

With this coupon. Not valid with other  
offers or prior purchase.

**MINOR  
SERVICE**

**\$ 65.00**

ALL CARS  
Parts & Labor

**STRICTLY  
EUROPEAN AUTO**

With this coupon. Not valid with other  
offers or prior purchase.

**A/C  
SERVICE**

**\$ 39.95**

ALL CARS  
Charge System & Check for leaks

**STRICTLY  
EUROPEAN AUTO**

With this coupon. Not valid with other  
offers or prior purchase.

We work on all cars. Specials apply to any type of car

**13114 S Dixie Hwy. Close to the Falls**

**305-378-0040 / 305-378-0456**

MY 40585 MY 22100831

# **Appendix F**

TPC Resolution Approving TIP

## TPC RESOLUTION #

### **RESOLUTION RECOMMENDING APPROVAL OF THE DRAFT FY 2004-2008 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AND CERTIFYING COMPLIANCE WITH THE CLEAN AIR ACT AMENDMENT OF 1990**

WHEREAS, the Interlocal Agreement creating and establishing the Metropolitan Planning Organization (MPO) for the Miami Urbanized Area requires that the MPO provide a structure to evaluate the adequacy of the transportation planning and programming process, and

WHEREAS, the Transportation Planning Council (TPC) has been established and charged with the responsibility and duty of fulfilling the aforementioned functions, and

WHEREAS, Federal and State regulations require that the MPO annually adopt a Transportation Improvement Program (TIP) that implements the Transportation Plan for the Miami Urbanized Area, and complies with the Clean Air Act Amendment of 1990, and

WHEREAS, the TPC has reviewed the Draft FY 2004-2008 TIP and has found that the project are in accordance with the goals and objectives of the Transportation Plan for the Miami Urbanized Area, and

WHEREAS, the TIP has demonstrated to be in compliance with the Clean Air Act Amendment of 1990.

NOW, THEREFORE, BE IT RESOLVED BY THE TRANSPORTATION PLANNING COUNCIL OF THE METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI URBANIZED AREA:

SECTION 1. That the Draft FY 2004-2008 Transportation Improvement Program (TIP) is found to be consistent with the priorities, goals and objectives of the adopted Cost Feasible Year 2025 Long Range Transportation Plan (LRTP).

SECTION 2. That the TPC certifies that the attached Transportation Improvements Program complies with the criteria of air quality as set forth in the Clean Air Act Amendment of 1990.

SECTION 3. That the Draft FY 2004-2008 Transportation Improvement Program (TIP) and its Air Quality Conformity Determination Report are hereby recommended for approval to the MPO Governing Board.

The foregoing resolution was offered by Mr. Joseph Johnson who moved its adoption. The motion was seconded by \_\_\_\_\_, and upon being put to a vote, the vote was as follows:

Jose-Luis Mesa, Chairman	-	John Martinez	-
Danny Alvarez	-	Michael Williams	-
Subrata Basu	-	Bruce Offord	-
Roosevelt Bradley	-	Diane O'Quinn-Williams-	
Angela Gittens	-	Servando M. Parapar	-
Gary Donn	-	John Renfrow	-
Lee R. Feldman	-	Ari Rivera	-
Jorge E. Hernandez	-	Charles A. Towsley	-
Joseph W. Johnson III	-	Clark P. Turner	-

The Chairperson thereupon declared the resolution duly passed and approved this 12<sup>th</sup> day of May, 2003.

**METROPOLITAN PLANNING ORGANIZATION  
M.P.O.**

By \_\_\_\_\_  
**Irma San Roman  
MPO Secretariat**

# **Appendix G**

MPO Resolution Approving TIP

**MPO RESOLUTION # -**

**RESOLUTION RECOMMENDING APPROVAL OF THE FINAL DRAFT FY  
2004-2008 TRANSPORTATION IMPROVEMENT PROGRAM (TIP) AND  
CERTIFYING COMPLIANCE WITH THE CLEAN AIR ACT AMENDMENT OF  
1990**

WHEREAS, the Interlocal Agreement creating and establishing the Metropolitan Planning Organization (MPO) for the Miami-Dade Urbanized Area requires that the MPO provide a structure to evaluate the adequacy of the transportation planning and programming process, and

WHEREAS, the Transportation Planning Council (TPC) has been established and charged with the responsibility and duty of fulfilling the aforementioned functions, and

WHEREAS, Federal and State regulations require that the MPO annually adopt a Transportation Improvement Program (TIP) that implements the Transportation Plan for the Miami-Dade Urbanized Area, and complies with the Clean Air Act Amendment of 1990, and

WHEREAS, the TPC has reviewed the Draft FY 2004-2008 TIP and has found that the projects are in accordance with the goals and objectives of the Transportation Plan for the Miami-Dade Urbanized Area, and

WHEREAS, the TIP is in compliance with the Clean Air Act Amendment of 1990, and

WHEREAS, the TPC recommended that the Statement of Needs be presented to the TPC within 60 days for their review of funding and planning issues.

NOW, THEREFORE, BE IT RESOLVED BY THE TRANSPORTATION GOVERNING BOARD OF THE METROPOLITAN PLANNING ORGANIZATION FOR THE MIAMI-DADE URBANIZED AREA:

SECTION 1. That the Draft FY 2004-2008 Transportation Improvement Program (TIP) is found to be consistent with the priorities, goals, and objectives of the adopted Cost Feasible Miami-Dade County Year 2025 Long Range Transportation Plan Update(LRTP), and hereby recommended for approval.

SECTION 2. That the TPC certifies that the Draft FY 2004-2008 TIP complies with the criteria of air quality as set forth in the Clean Air Act Amendment of 1990.

SECTION 3. That the MPO Secretariat is authorized to submit the Draft FY 2004-2008 TIP to the appropriate funding agencies for comments.

The foregoing resolution was offered by \_\_\_\_\_, who moved its adoption. The motion was seconded by \_\_\_\_\_, and upon being put to a vote, the vote was as follows:

MEMBER NAMES AND VOTES HERE.

The Chairperson there upon declared the resolution duly passed and approved this 22<sup>nd</sup> day of May, 2003.

**TRANSPORTATION PLANNING COUNCIL  
M.P.O.**

**By:**

---

**XXXXXXXXXX**

**MPO Secretariat**

# **Appendix H**

## Public Involvement Efforts

THE MPO GOVERNING BOARD PUBLIC HEARING OF MAY 22, 2003 HAS BEEN SCHEDULED FOR 2:00 PM AND NOT FOR 5:00 PM AS DONE IN OUR LAST 2002 CYCLE FOR FY 2003 TIP (MPO MEETING OF MAY 23, 2002).

FOR THE FY 2003 TIP, OUR PREVIOUS CYCLE, THE PUBLIC HEARING HAD BEEN RESCHEDULED FROM 2:00 PM TO 5:00 PM IN AN EFFORT TO PROVIDE A MORE SUITABLE TIME FOR PUBLIC PARTICIPATION.

THE RESCHEDULING OF THE MAY 23, 2002 MPO MEETING FROM 2:00 PM TO 5:00 PM DID NOT RESULT IN A HIGHER ATTENDANCE AND PARTICIPATION BY PUBLIC. IN LIEU OF THE MEETING AT 5:00 PM, A TELEVISED INTERACTIVE MEETING ON THE **TIP** WAS HOSTED BY THE CITIZENS TRANSPORTATION ADVISORY COMMITTEE (CTAC) FROM 6:00 PM TO 8:00 PM, ON MARCH 26TH, 2003 AND BROADCASTED LIVE ON PUBLIC TELEVISION CHANNEL 17 AS PART OF THE TIP'S PUBLIC INVOLVEMENT EFFORTS (COPY OF THE INVITATIONAL FLYER TO THE TELEVISED MEETING FOLLOWS)





# Tired of the Traffic Tie-up?

## **HELP UNDO THE KNOT**

**Come In Person Or Tune Into Miami-Dade Television  
(Ch. 34, or check your cable system for channel)**

**Join Your Neighbors By Phone, Fax or E-mail**

**For A Live Interactive Meeting On The  
Transportation Improvement Program (TIP).**

## **WE NEED YOUR INPUT!**

**Wednesday, March 26, 2003**

**6:00 to 8:00 p.m.**

**Commission Chambers**

**(Downtown Miami)**

**Stephen P. Clark Center**

**111 N.W. 1 Street**

- CALL (305) 375-1843 •
- E-MAIL [mpo@miamidade.gov](mailto:mpo@miamidade.gov) •
- FAX YOUR IDEAS 305 375-4950 •

HOSTED BY CITIZENS TRANSPORTATION ADVISORY COMMITTEE (CTAC) &  
METROPOLITAN PLANNING ORGANIZATION  
A DRAFT OF THE TIP MAY BE VIEWED AND/ OR  
DOWNLOADED AT [WWW.CO.MIAMI-DADE.FL.US/MPO](http://WWW.CO.MIAMI-DADE.FL.US/MPO)



## **PUBLIC HEARING**

The Governing Board of the Metropolitan Planning Organization (MPO) for the Miami Urbanized Area will hold a public hearing on Thursday, May 22, 2003, at **2:00 p.m.** in the County Commission Chambers, Stephen P. Clark Center, 111 NW First Street, Miami, Florida for the purpose of approving:

### **1. FISCAL YEAR 2004-2008 TRANSPORTATION IMPROVEMENT PROGRAM (TIP)**

The TIP details in a single document all transportation improvements in the metropolitan area scheduled for the next five years. All together, approximately \$6.8 billion in transportation improvements, including federal, state and local transportation funding sources, are included in the TIP for the five-year period.

### **2. AIR QUALITY CONFORMITY DETERMINATION OF THE FY 2004-2008 TIP**

The Air Quality Conformity Determination of the FY 2004-2008 TIP demonstrates that implementation of improvements contained in the FY 2004-2008 TIP will contribute to annual emission reductions and conform to National Ambient Air Quality Standards (NAAQS)

### **3. UNIFIED PLANNING WORK PROGRAM (UPWP)**

The UPWP is compiled annually by the MPO. The UPWP describes the technical studies and related activities that will be conducted by the MPO to support its transportation plans, programs, and projects.

Copies of the TIP, UPWP, and are available for public inspection from the MPO Secretariat, Stephen P. Clark Center, 111 N.W. First Street, Suite 910, Miami, Florida 33128. It is the policy of Miami-Dade County to comply with all requirements of the American with Disability Act. For sign language interpretation, please call (305) 668-4407 five days in advance.

**This public participation process is being used by OPTM/MDT to meet the Program of Projects (POP) and public participation requirements of the Federal Transit Administration (FTA).**



**METROPOLITAN PLANNING ORGANIZATION (MPO)  
FOR THE MIAMI URBANIZED AREA**

**Transportation Improvement Program (TIP)/Air Quality Conformity Determination  
FY 2004-2008 TIP DEVELOPMENT SCHEDULE**

- 12/02/2002 - Work Program Public Hearing – Don Shula Hotel Ballroom 6-8 pm
- 12/04/2002 - Work Program Public Hearing - South Dade Regional Public Library 6-8 pm
  
- 01/06/2003 - Submission of Initial Proposals to MPO Secretariat due
- 01/15/2003 - TIP Program Development Committee Meeting
- 01/22/2003 - TIP Program Development Committee Meeting
- 01/29/2003 - TIP Program Development Committee Meeting
- 01/31/2003 - ***Deadline for Agencies to submit TIP Program for February 5, 2003 Web Posting***
  
- 02/12/2003 - TIP Program Development Committee Meeting
- 02/19/2003 - TIP Program Development Committee Meeting
- 02/26/2003 - TIP Program Development Committee Meeting
- 02/26/2002 - Draft TIP update to CTAC
- 02/27/2002 - ***Deadline for Agencies to submit TIP Program for March 5, 2003 Web Posting***
- 02/28/2003 - Draft TIP Program Available for Public Review at MPO Office
  
- 03/05/2003 - ***TIP Locks-in, Posted at MPO's Website, Public Involvement Input Starts***
- 03/12/2003 - TIP Program Development Committee Meeting
- 03/21/2002 - ***Proposed Interactive Public Meeting at Commission Chambers***
- 03/26/2003 - TIP Program Development Committee Meeting
- 03/26/2002 - CTAC hosts Live TV Interactive meeting on the TIP
- 03/27/2002 - TIP Committee reviews Draft TIP and comments received
  
- 04/09/2003 - TPTAC Review (As Informational Item in TPTAC Agenda)
- 04/14/2003 - TPC Preliminary Review (As Informational Item in TPC Agenda)
- 04/16/2003 - TIP Program Development Committee Meeting
- 04/23/2003 - TIP Program Development Committee Meeting
- 04/25/2002 - Final Program Circulated to TIP Committee for final comments
- 04/30/2003 - **CTAC Endorsement** (As Action Item in CTAC Agenda)
  
- 05/07/2003 - **TPTAC Endorsement** (As Action Item in TPTAC Agenda)
- 05/12/2003 - **TPC Endorsement** (As Action Item in TPC Agenda)
- 05/22/2003 - Public Hearing and Adoption by **MPO** Governing Board
  
- June 2003 - Submittal to Funding Agencies***

**KEY TO ABBREVIATIONS:**

- TIP Transportation Improvement Program (12th Floor Back Conference Room, 10:00 am to 12:00 Noon)
- CTAC Citizens' Transportation Advisory Committee (Meeting Room 18-3, at 5:00 pm)
- TPTAC Transportation Planning Technical Advisory Committee (Meeting Room 18-1, at 10:00 am)
- TPC Transportation Planning Council (Meeting Room 18-4, at 2:00 pm)
- MPO Metropolitan Planning Organization (Commission Chambers, 2:00 pm)

**CONTACT PERSON:**

*Carlos Roa, Principal Planner, Metropolitan Planning Organization (MPO)*  
**Phone:** (305) 375-4507 - **FAX** (305) 375-4950  
*Monday through Friday, 8:00 am to 5:00 pm EST*  
**Email:** rcf@co.miami-dade.fl.us **Internet:** www.metro-dade.com/mpo/

**Meetings Location:**

***All meetings open to public and held at the Stephen P. Clark Government Center,  
111 NW 1 Street - Miami, Florida***

# **Appendix I**

## Input Streams for MOBILE5a

## MOBILE5A INPUT: YEAR 2005

5 PROMPT - vertical flag input, no prompting (NLEV 2001)  
MOBILE5a FDOT: MIAMI 2005 WITH FSUTMS.V54 (Includes NLEV Starting in 2001)

1 TAMFLG - default tampering rates  
1 SPDFLG - one speed per scenario  
1 VMFLAG - default vmt mix  
1 MYMRFG - default registration and mileage accrual rates  
2 NEWFLG - alternate exhaust emission rates  
1 IMFLAG - without I/M program  
1 ALHFLG - no additional correction factor inputs  
1 ATPFLG - without anti-tampering program  
5 RLFLAG - no refueling losses, treated as stationary source  
2 LOCFLG - read in local area parameters as one time  
1 TEMFLG - calculate exhaust temperatures  
4 OUTFMT - 80 column portrait output format  
4 PRTFLG - print exhaust HC, CO and NOx emission factor results  
2 IDLFLG - Calculate & print idle emissions results (when available)  
3 NMHFLG - print VOCs  
3 HCFLAG - print HC components

004

1 7 3 90 90 05.639 00.000

1 7 3 91 97 04.598 00.000

1 7 3 98 03 03.679 00.000

1 7 3 04 20 01.840 00.000

MIAMI FL C 69.3 91.2 9.2 7.8 92 LAP record

4 05 3.0 84. 20.6 27.3 20.6 7 Scenario records

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4 05 6.0 84. 20.6 27.3 20.6 7

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4 05 9.0 84. 20.6 27.3 20.6 7

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4 05 12.0 84. 20.6 27.3 20.6 7

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4 05 15.0 84. 20.6 27.3 20.6 7

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4 05 18.0 84. 20.6 27.3 20.6 7

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4 05 21.0 84. 20.6 27.3 20.6 7

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4 05 24.0 84. 20.6 27.3 20.6 7

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4 05 27.0 84. 20.6 27.3 20.6 7

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4 05 30.0 84. 20.6 27.3 20.6 7

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4 05 33.0 84. 20.6 27.3 20.6 7  
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4 05 36.0 84. 20.6 27.3 20.6 7  
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4 05 39.0 84. 20.6 27.3 20.6 7  
01 1 1  
4 05 42.0 84. 20.6 27.3 20.6 7  
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4 05 45.0 84. 20.6 27.3 20.6 7  
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4 05 48.0 84. 20.6 27.3 20.6 7  
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4 05 51.0 84. 20.6 27.3 20.6 7  
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4 05 54.0 84. 20.6 27.3 20.6 7  
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4 05 57.0 84. 20.6 27.3 20.6 7  
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4 05 60.0 84. 20.6 27.3 20.6 7  
01 1 1  
4 05 63.0 84. 20.6 27.3 20.6 7  
01 1 1  
4 05 65.0 84. 20.6 27.3 20.6 7  
01 1 1

## MOBILE5A INPUT: YEAR 2015

5 PROMPT - vertical flag input, no prompting (NLEV 2001)  
MOBILE5a FDOT: MIAMI 2015 WITH FSUTMS.V54 (Includes NLEV Starting in 2001)

1 TAMFLG - default tampering rates  
1 SPDFLG - one speed per scenario  
1 VMFLAG - default vmt mix  
1 MYMRFG - default registration and mileage accrual rates  
2 NEWFLG - alternate exhaust emission rates  
1 IMFLAG - without I/M program  
1 ALHFLG - no additional correction factor inputs  
1 ATPFLG - without anti-tampering program  
5 RLFLAG - no refueling losses, treated as stationary source  
2 LOCFLG - read in local area parameters as one time  
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MIAMI FL C 69.3 91.2 9.2 7.8 92 LAP record

4 15 3.0 84. 20.6 27.3 20.6 7 Scenario records

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4 15 9.0 84. 20.6 27.3 20.6 7

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4 15 39.0 84. 20.6 27.3 20.6 7  
01 1 1  
4 15 42.0 84. 20.6 27.3 20.6 7  
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4 15 45.0 84. 20.6 27.3 20.6 7  
01 1 1  
4 15 48.0 84. 20.6 27.3 20.6 7  
01 1 1  
4 15 51.0 84. 20.6 27.3 20.6 7  
01 1 1  
4 15 54.0 84. 20.6 27.3 20.6 7  
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4 15 57.0 84. 20.6 27.3 20.6 7  
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4 15 60.0 84. 20.6 27.3 20.6 7  
01 1 1  
4 15 63.0 84. 20.6 27.3 20.6 7  
01 1 1  
4 15 65.0 84. 20.6 27.3 20.6 7  
01 1 1



## MOBILE5A INPUT: YEAR 2025

5 PROMPT - vertical flag input, no prompting (NLEV 2001)  
MOBILE5a FDOT: MIAMI 2025 WITH FSUTMS.V54 (Includes NLEV Starting in 2001)

1 TAMFLG - default tampering rates  
1 SPDFLG - one speed per scenario  
1 VMFLAG - default vmt mix  
1 MYMRFG - default registration and mileage accrual rates  
2 NEWFLG - alternate exhaust emission rates  
1 IMFLAG - without I/M program  
1 ALHFLG - no additional correction factor inputs  
1 ATPFLG - without anti-tampering program  
5 RLFLAG - no refueling losses, treated as stationary source  
2 LOCFLG - read in local area parameters as one time  
1 TEMFLG - calculate exhaust temperatures  
4 OUTFMT - 80 column portrait output format  
4 PRTFLG - print exhaust HC, CO and NOx emission factor results  
2 IDLFLG - Calculate & print idle emissions results (when available)  
3 NMHFLG - print VOCs  
3 HCFLAG - print HC components

004

1 7 3 90 90 05.639 00.000

1 7 3 91 97 04.598 00.000

1 7 3 98 03 03.679 00.000

1 7 3 04 20 01.840 00.000

MIAMI FL C 69.3 91.2 9.2 7.8 92 LAP record

4 25 3.0 84. 20.6 27.3 20.6 7 Scenario records

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4 25 6.0 84. 20.6 27.3 20.6 7

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4 25 9.0 84. 20.6 27.3 20.6 7

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4 25 12.0 84. 20.6 27.3 20.6 7

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4 25 42.0 84. 20.6 27.3 20.6 7  
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4 25 45.0 84. 20.6 27.3 20.6 7  
01 1 1  
4 25 48.0 84. 20.6 27.3 20.6 7  
01 1 1  
4 25 51.0 84. 20.6 27.3 20.6 7  
01 1 1  
4 25 54.0 84. 20.6 27.3 20.6 7  
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4 25 57.0 84. 20.6 27.3 20.6 7  
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4 25 60.0 84. 20.6 27.3 20.6 7  
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4 25 63.0 84. 20.6 27.3 20.6 7  
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4 25 65.0 84. 20.6 27.3 20.6 7  
01 1 1

# **Appendix J**

## Output Streams for EMIS

## MOBILE5A OUTPUT: YEAR 2005

FT	AT	TOTAL VOC	EXHAUST HC	EVAPORATE HC	REFUELING HC	RUN LOSS HC	EXHAUST CO	EXHAUST NOx
1	1	439539.	306772.	71579.	0.	48044.	3412367.	679854.
1	2	108091.	75893.	17434.	0.	11954.	846702.	166388.
1	3	7022246.	4965891.	1045887.	0.	804626.	56980720.	10087855.
1	4	5941894.	4236213.	846665.	0.	697968.	49439160.	8121958.
1	5	193421.	131322.	38817.	0.	15630.	1328153.	411611.
2	1	471593.	350174.	38223.	0.	76212.	4474480.	387405.
2	2	17890.	12928.	2352.	0.	2149.	156240.	22219.
2	3	15825628.	11524776.	1813176.	0.	2150120.	142079680.	17377266.
2	4	17176574.	12608034.	1716996.	0.	2538453.	158323168.	16745495.
2	5	421996.	290178.	80814.	0.	35484.	3038669.	873385.
3	1	344942.	249371.	28178.	0.	62161.	3196907.	280854.
3	2	4220.	3119.	480.	0.	538.	39324.	4540.
3	3	4780855.	3505122.	524561.	0.	656363.	43713836.	5035119.
3	4	2722562.	1985771.	261363.	0.	428926.	24988214.	2557337.
3	5	456756.	313445.	82509.	0.	45408.	3311037.	800433.
4	1	123401.	91822.	10935.	0.	18589.	1180582.	108057.
4	2	21972.	16335.	1951.	0.	3328.	209681.	19294.
4	3	5536693.	4054896.	632548.	0.	734928.	50265304.	6045696.
4	4	2055757.	1496648.	212696.	0.	307884.	18682412.	2060332.
4	5	608831.	415008.	95287.	0.	80336.	4559640.	924035.
5	1	131279.	97502.	8131.	0.	23754.	1245533.	89182.
5	2	8255.	6149.	635.	0.	1387.	78418.	6529.
5	3	3783698.	2805771.	348929.	0.	562544.	35935064.	3453365.
5	4	2259982.	1676619.	196775.	0.	349120.	21553840.	1956296.
5	5	305202.	225140.	42231.	0.	30610.	2948843.	495745.
6	1	436234.	322834.	35241.	0.	71734.	4140147.	356011.
6	2	16865.	12314.	1703.	0.	2553.	155018.	16489.
6	3	399861.	293887.	44607.	0.	53211.	3671382.	427186.
6	4	902030.	663317.	83345.	0.	140757.	8417553.	819611.
7	1	203607.	148674.	14521.	0.	37794.	1901162.	150902.
7	2	64298.	47677.	6018.	0.	9482.	610241.	58745.
7	3	1462462.	1062153.	130191.	0.	245335.	13378583.	1294713.
7	4	1156277.	843486.	98569.	0.	196227.	10686382.	986473.
7	5	33106.	23829.	4396.	0.	4073.	282979.	42658.
8	3	646348.	454485.	102773.	0.	69244.	5135018.	1025993.
8	4	31011.	22035.	4604.	0.	3432.	256169.	44680.
9	3	2928483.	2006678.	476711.	0.	346028.	22440764.	4970424.
9	4	92201.	63471.	18139.	0.	7084.	666702.	206897.
9	5	557397.	389982.	99606.	0.	48855.	4778722.	1315587.
GL	TOTAL	79693664.	57799656.	9239603.	0.	10922292.	708506560.	90426800.
	(TONS)	87.77	63.66	10.18	0.00	12.03	780.29	99.59

## MOBILE5A OUTPUT: YEAR 2015

FT	AT	TOTAL VOC	EXHAUST HC	EVAPORATE HC	REFUELING HC	RUN LOSS HC	EXHAUST CO	EXHAUST NOx
1	1	427485.	314046.	64858.	0.	41375.	3418289.	600765.
1	2	105815.	78112.	15563.	0.	10417.	860430.	144776.
1	3	8272522.	6118283.	1044986.	0.	1009050.	69611680.	9864216.
1	4	6490976.	4864889.	786341.	0.	763439.	57193052.	7326731.
1	5	372556.	283777.	43436.	0.	40639.	3446130.	402921.
2	1	462230.	359026.	34096.	0.	66372.	4523641.	333070.
2	2	18740.	14259.	2206.	0.	2047.	171578.	20356.
2	3	16502794.	12662716.	1708603.	0.	1970080.	155664272.	15893494.
2	4	16688925.	12862263.	1547887.	0.	2140823.	160250944.	14558488.
2	5	572516.	418246.	98113.	0.	49488.	4286546.	1003763.
3	1	351157.	265844.	26554.	0.	56349.	3371740.	254898.
3	2	4219.	3263.	444.	0.	470.	41013.	4074.
3	3	5206403.	4002301.	512566.	0.	643896.	49635720.	4782437.
3	4	2885257.	2206471.	260996.	0.	394560.	27535562.	2457889.
3	5	578905.	420631.	94664.	0.	54083.	4387859.	887016.
4	1	145676.	113508.	11684.	0.	19510.	1441796.	111530.
4	2	23161.	18076.	1836.	0.	3111.	228700.	17618.
4	3	6536793.	5016052.	667802.	0.	791777.	61851852.	6209601.
4	4	2164087.	1659758.	211075.	0.	273791.	20536678.	1974051.
4	5	768132.	553605.	114739.	0.	87346.	5917022.	1078938.
5	1	129260.	100411.	7603.	0.	20428.	1259517.	78775.
5	2	8539.	6670.	622.	0.	1217.	83986.	6106.
5	3	3858455.	3007189.	336799.	0.	489565.	38020736.	3190072.
5	4	2272360.	1777642.	187151.	0.	296520.	22523102.	1777008.
5	5	362302.	279017.	47103.	0.	32072.	3478312.	521825.
6	1	443175.	344046.	32969.	0.	63667.	4352336.	320119.
6	2	15121.	11570.	1370.	0.	2059.	143498.	12972.
6	3	464523.	358087.	45801.	0.	56423.	4443333.	427729.
6	4	923659.	711386.	80756.	0.	124985.	8929339.	763202.
7	1	205327.	155347.	13117.	0.	35870.	1956648.	131213.
7	2	69220.	53545.	5717.	0.	9413.	679325.	54286.
7	3	1692051.	1268583.	129546.	0.	282077.	15763031.	1257439.
7	4	1283863.	978802.	106495.	0.	188707.	12117493.	1026750.
7	5	40959.	30840.	5071.	0.	4574.	355191.	47668.
8	3	620285.	460140.	89617.	0.	62341.	5091434.	870698.
8	4	33190.	24802.	4401.	0.	3582.	281892.	41936.
9	3	3497401.	2508126.	564557.	0.	380126.	26207860.	5698873.
9	4	123520.	91074.	20620.	0.	10378.	966350.	221403.
9	5	588173.	435908.	108723.	0.	34461.	4889258.	1372360.
GL TOTAL		85209544.	64838328.	9036481.	0.	10517154.	785913664.	85746784.
(TONS)		93.84	71.41	9.95	0.00	11.58	865.54	94.43

## MOBILE5A OUTPUT: YEAR 2025

FT	AT	TOTAL VOC	EXHAUST HC	EVAPORATE HC	REFUELING HC	RUN HC	LOSS HC	EXHAUST CO	EXHAUST NOx
1	1	439769.	325711.	62998.		0.	43045.	3558533.	602454.
1	2	105016.	77651.	14769.		0.	10350.	855589.	141938.
1	3	8910322.	6713525.	1047985.		0.	1015770.	77304928.	10155743.
1	4	6752602.	5120507.	809213.		0.	720237.	59904924.	7747701.
1	5	1206969.	859359.	50392.		0.	289920.	10759819.	559992.
2	1	541483.	420135.	35246.		0.	81734.	5295618.	358229.
2	2	13969.	10767.	1497.		0.	1529.	131256.	14184.
2	3	20566162.	15873635.	1810421.		0.	2665600.	196854192.	17530632.
2	4	20816692.	16103368.	1620170.		0.	2898138.	201447840.	15956727.
2	5	723618.	527717.	114688.		0.	65684.	5449499.	1186163.
3	1	421929.	320424.	28288.		0.	69813.	4053003.	282916.
3	2	5149.	4034.	483.		0.	576.	51201.	4568.
3	3	7599394.	5864774.	618364.		0.	1041714.	73214928.	6042436.
3	4	3517894.	2728700.	292984.		0.	461415.	34181192.	2847526.
3	5	1005075.	747359.	137584.		0.	102396.	8247326.	1325580.
4	1	174555.	136576.	12627.		0.	23838.	1729896.	125259.
4	2	27187.	21228.	1890.		0.	3843.	267885.	18946.
4	3	9138979.	7061329.	800205.		0.	1181998.	87754184.	7742716.
4	4	2942601.	2265685.	259227.		0.	387000.	28088008.	2507607.
4	5	1547045.	1154413.	193742.		0.	174223.	13198982.	1857788.
5	1	142825.	111554.	8019.		0.	22308.	1399633.	85113.
5	2	8658.	6777.	600.		0.	1210.	85445.	6025.
5	3	4393495.	3431718.	364634.		0.	554248.	43378636.	3550490.
5	4	2544226.	1989112.	198882.		0.	332834.	25236368.	1940924.
5	5	422527.	325324.	52201.		0.	37758.	4068056.	593898.
6	1	619272.	479642.	43849.		0.	90552.	6038601.	437892.
6	2	18484.	14082.	1450.		0.	2781.	175706.	14253.
6	3	697877.	530427.	63421.		0.	96392.	6472922.	617808.
6	4	1326118.	1004881.	90626.		0.	219723.	12619562.	907881.
7	1	213160.	161953.	12947.		0.	36715.	2039908.	132838.
7	2	69519.	53156.	5275.		0.	10454.	674422.	51448.
7	3	2011366.	1509403.	139316.		0.	345459.	18780376.	1399289.
7	4	1705983.	1307486.	129347.		0.	253388.	16320677.	1280397.
7	5	59023.	44890.	6399.		0.	6980.	528043.	61845.
8	3	934681.	700913.	126306.		0.	91653.	7878564.	1287849.
8	4	44434.	33755.	5269.		0.	4709.	395338.	54248.
9	3	6087230.	4443934.	835972.		0.	700450.	48132484.	8329759.
9	4	227674.	169841.	25013.		0.	29100.	1924896.	274744.
9	5	745932.	557486.	131561.		0.	41441.	6136291.	1687084.
GL TOTAL		108728696.	83213424.	10153848.		0.	14116957.	*****	99723000.
(TONS)		119.75	91.64	11.18		0.00	15.55	1117.44	109.83

# **Appendix K**

Fact Sheet 8 Adjustment

# Adjustments to Mobile5a NOx and VOC Emissions based on Fact Sheet 8

Year of Analysis = 2005

INPUTS	VALUE
County	Miami-Dade
Model Year	2005
Budget NOx (TPD)	111.82
Budget VOC (TPD)	148.77
Model Output Total VMT	44,268,552
EMIS Output NOx (TPD)	99.59
EMIS Output VOC (TPD)	87.77

VARIABLES	VMT ACCUMULATIONS BY VEHICLE TYPE (MOBILE 5A FRACTIONS FOR 2005)								TOTAL
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	
Proportion of VMT by Vehicle Type	60.0%	19.7%	8.7%	3.1%	0.2%	0.2%	7.5%	0.6%	100.0%
VMT By Vehicle Type	26,561,131	8,720,905	3,851,364	1,372,325	88,537	88,537	3,320,141	265,611	44,268,552
NOx credit / mile <sup>a</sup>	0.241	0.220	0.227	0.468	0.000	0.220	0.000	0.000	0.223
NOx credit in gms <sup>a</sup>	6,401,233	1,918,599	874,260	642,248	-	19,478	-	-	9,855,818
VOC credit / mile <sup>a</sup>	0.046	0.059	0.096	0.100	0.000	0.124	0.000	0.000	0.051
VOC credit in gms <sup>a</sup>	1,221,812	514,533	369,731	137,233	-	10,979	-	-	2,254,287

OUTPUTS	VALUE	BUDGET	STATUS
NOx total in TPD	88.74	111.82	Under
VOC total in TPD	85.29	148.77	Under
Percent NOx reduction	-10.9%		
Percent VOC reduction	-2.8%		

<sup>a</sup> Credits based on Fact Sheet 8 -- Tier 2 fuels



# Adjustments to Mobile5a NOx and VOC Emissions based on Fact Sheet 8

Year of Analysis = 2015

INPUTS	VALUE
County	Miami-Dade
Model Year	2015
Budget NOx (TPD)	111.82
Budget VOC (TPD)	148.77
Model Output Total VMT	50,540,348
EMIS Output NOx (TPD)	94.43
EMIS Output VOC (TPD)	93.84

VARIABLES	VMT ACCUMULATIONS BY VEHICLE TYPE (MOBILE 5A FRACTIONS FOR 2005)								TOTAL
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	
Proportion of VMT by Vehicle Type	58.1%	20.4%	8.9%	3.3%	0.2%	0.4%	8.3%	0.4%	100.0%
VMT By Vehicle Type	29,363,942	10,310,231	4,498,091	1,667,831	101,081	202,161	4,194,849	202,161	50,540,348
NOx credit / mile <sup>a</sup>	0.526	0.548	0.841	0.350	0.000	0.903	0.000	0.000	0.507
NOx credit in gms <sup>a</sup>	15,445,434	5,650,007	3,782,895	583,741	-	182,552	-	-	25,644,627
VOC credit / mile <sup>a</sup>	0.051	0.059	0.241	0.038	0.000	0.488	0.000	0.000	0.066
VOC credit in gms <sup>a</sup>	1,497,561	608,304	1,084,040	63,378	-	98,655	-	-	3,351,937

OUTPUTS	VALUE	BUDGET	STATUS
NOx total in TPD	66.19	111.82	Under
VOC total in TPD	90.15	148.77	Under
Percent NOx reduction	-29.9%		
Percent VOC reduction	-3.9%		

<sup>a</sup> Credits based on Fact Sheet 8 -- Tier 2 fuels

# Adjustments to Mobile5a NOx and VOC Emissions based on Fact Sheet 8

Year of Analysis = 2025

INPUTS	VALUE
County	Miami-Dade
Model Year	2020
Budget NOx (TPD)	111.82
Budget VOC (TPD)	148.77
Model Output Total VMT	60,234,768
EMIS Output NOx (TPD)	109.83
EMIS Output VOC (TPD)	119.75

VARIABLES	VMT ACCUMULATIONS BY VEHICLE TYPE (MOBILE 5A FRACTIONS FOR 2005)								TOTAL
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	
Proportion of VMT by Vehicle Type	57.5%	20.7%	8.9%	3.4%	0.2%	0.5%	8.4%	0.4%	100.0%
VMT By Vehicle Type	34,634,992	12,468,597	5,360,894	2,047,982	120,470	301,174	5,059,721	240,939	60,234,768
NOx credit / mile <sup>a</sup>	0.588	0.616	1.064	0.324	0.000	0.952	0.000	0.000	0.576
NOx credit in gms <sup>a</sup>	20,365,375	7,680,656	5,703,992	663,546	-	286,717	-	-	34,700,286
VOC credit / mile <sup>a</sup>	0.059	0.065	0.317	0.018	0.000	0.533	0.000	0.000	0.079
VOC credit in gms <sup>a</sup>	2,043,465	810,459	1,699,404	36,864	-	160,526	-	-	4,750,716

OUTPUTS	VALUE	BUDGET	STATUS
NOx total in TPD	71.61	111.82	Under
VOC total in TPD	114.52	148.77	Under
Percent NOx reduction	-34.8%		
Percent VOC reduction	-4.4%		

<sup>a</sup> Credits based on Fact Sheet 8 -- Tier 2 fuels